

1/6

FIG. 1A

Before Pre-hyb

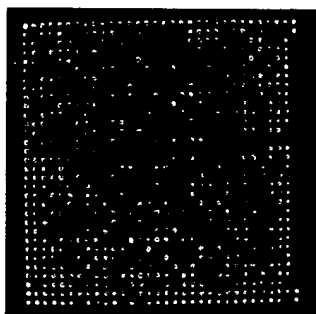


FIG. 1B

Post pre-hybe w/o NaBH4



FIG. 1C

Post pre-hybe w/ NaBH4

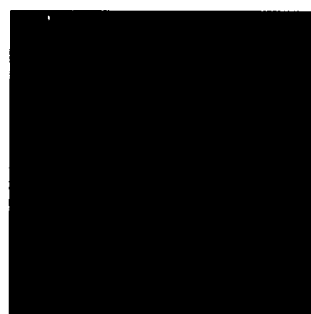
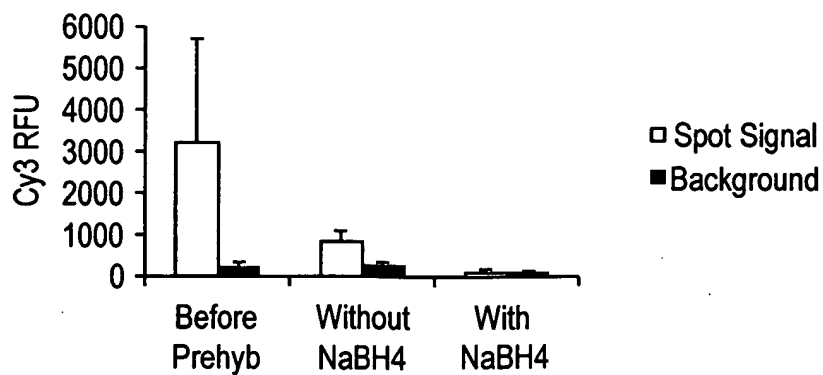


FIG. 2

Autofluorescence reduction using NaBH4  
on Human 6K array



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FIG. 3A

Before Pre-hyb

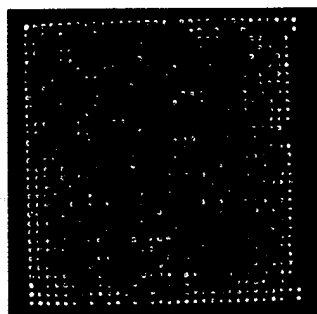


FIG. 3B

Post pre-hybe w/o NaBH4

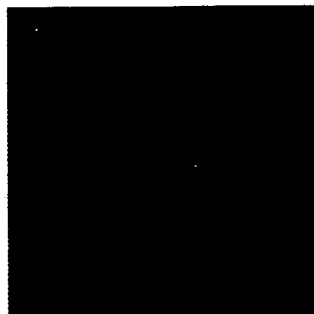


FIG. 3C

Post pre-hybe w/ NaBH4

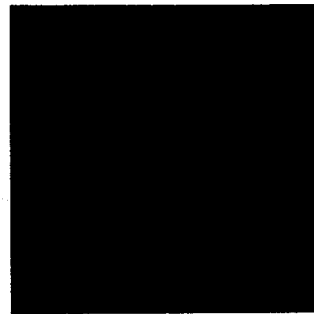
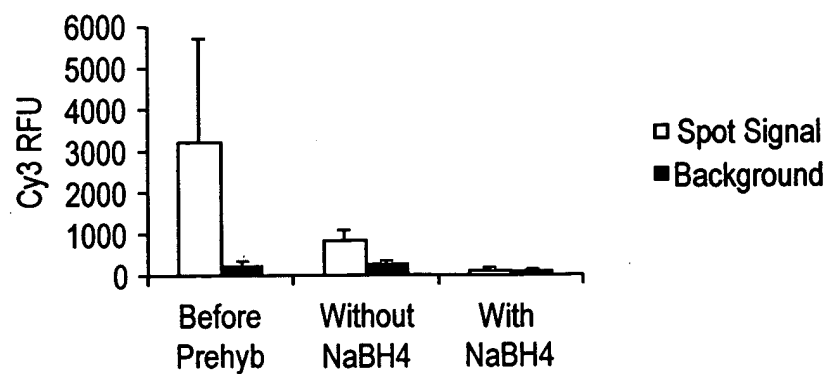


FIG. 4

Autofluorescence reduction using NaBH4  
on Human 6K array



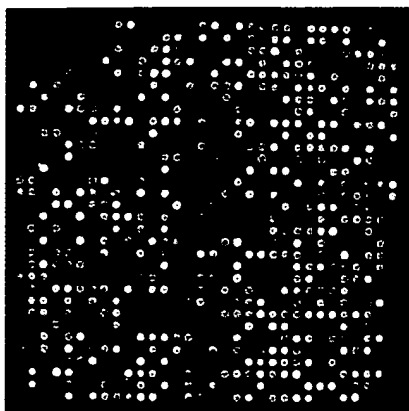
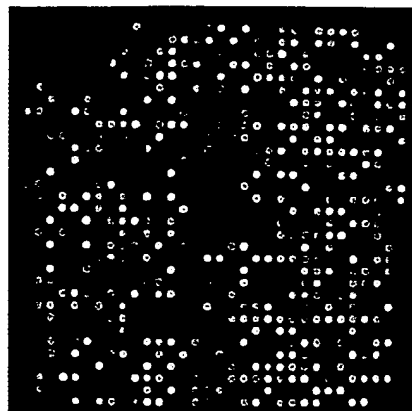
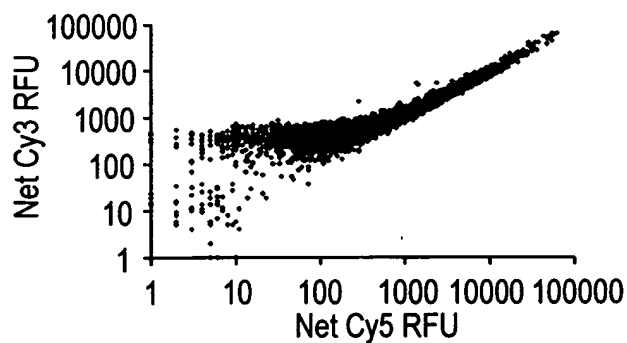
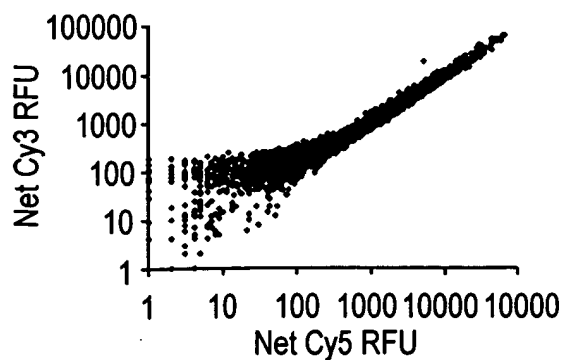
**FIG. 5A**Without NaBH<sub>4</sub> Treatment**FIG. 5B**With NaBH<sub>4</sub> Treatment**FIG. 6A**Self-self brain probe hybe on human 6k  
without NaBH<sub>4</sub>**FIG. 6B**Self-self brain probe hybe on Human  
6K with NaBH<sub>4</sub> treatment

FIG. 7A

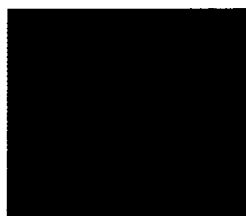


FIG. 7B

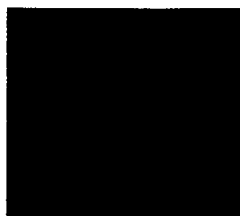


FIG. 7C

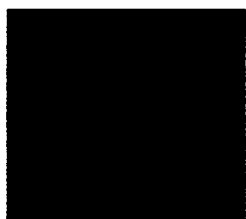


FIG. 7D



FIG. 8

Timecourse of Autofluorescence reduction  
with NaBH<sub>4</sub> on Cancer array

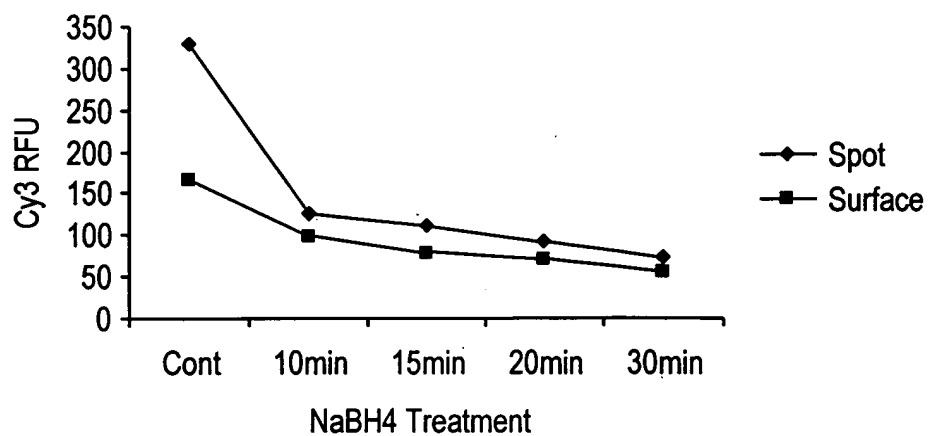


FIG. 9A



FIG. 9B



FIG. 9C



FIG. 10A

Before Pre-hyb



FIG. 10B

Post pre-hyb  
w/o NaBH<sub>4</sub>



FIG. 10C

Post pre-hyb  
w/ NaBH<sub>4</sub>

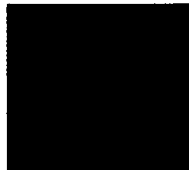


FIG. 10D

NaBH<sub>4</sub> Treated  
GAPS Slide  
arraying and hybe

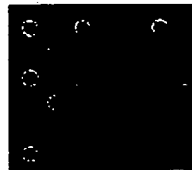


FIG. 11A

Comparison of hybridization signal

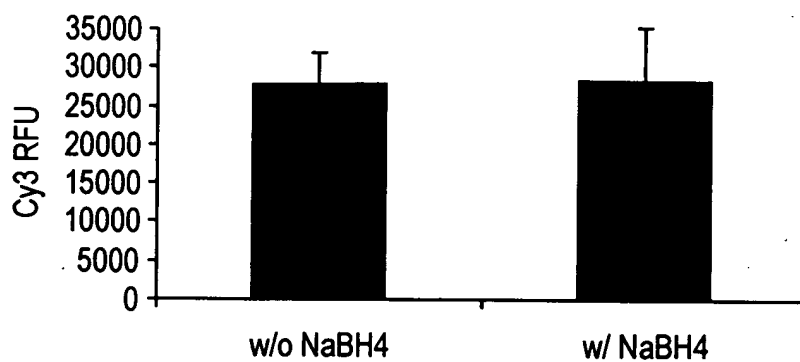


FIG. 11B

Cy3 Autofluorescence on GAPS Slides  
(PMT 950)